

a

~~Claims~~
What is claimed is:

1. An arrangement for configuring a device of a system by transferring control information from a controller thereto, wherein the controller comprises:

5

input means for receiving control information for configuring the device ;

memory circuitry arranged to store and retrieve control information for configuring the device; and

10

output means for transferring to the system retrieved control information for the device; and

wherein the system comprises:

15

means for coupling with the output means of the controller to transfer retrieved control information to the system; and

control means arranged to configure the device in dependence upon the transferred control information.

20

2. An arrangement as claimed in claim 1, wherein the system comprises a plurality of devices and the control means is arranged to configure the devices in dependence upon transferred control information.

25

3. An arrangement as claimed in claim 2, wherein the controller output means transfers to the system retrieved control information for the devices of the system, and the control means configures the devices in dependence upon the transferred control information.

30

4. An arrangement as claimed in claim 2, wherein the controller output means transfers to the system retrieved control information for a selection of

devices of the system defined by the user, and the control means configures the selection of devices in dependence upon the transferred control information.

- 5 5. An arrangement as claimed in any preceding claim, wherein the memory circuitry stores and retrieves control information corresponding to the user's personal preferences.
- 10 6. An arrangement as claimed in any of claims 1 to 4, wherein the memory circuitry stores and retrieves information identifying a particular system and the control information only configures the device or devices of that particular system.
- 15 7. An arrangement as claimed in claim 6, wherein the device or devices are security devices.
8. An arrangement as claimed in any preceding claim, wherein the system is a vehicle control system.
- 20 9. An arrangement as claimed in claim 8, wherein the device or devices are selected from devices including an alarm, an immobiliser, a seat positioner, a mirror positioner, door/boot locks, temperature/ventilation controller, an engine management device, and servicing interface device.
- 25 10. An arrangement as claimed in any preceding claim, wherein the controller is removable from the environment of the system.
- 30 11. An arrangement as claimed in claim 10, wherein the controller transfers retrieved control information to the system when it enters the environment of the system.

12. An arrangement as claimed in any preceding claim, wherein the controller is a handportable radio device.

13. An arrangement as claimed in any preceding claim wherein the means for coupling comprises an electrical connector or an IR or radio transceiver.

14. An arrangement as claimed in any preceding claim wherein the device is electronically controlled by the system.

15. An arrangement as claimed in any preceding claim wherein the system comprises a processor and memory, wherein the memory stores the transferred control information and the processor controls the operation of the device, reconfiguring it in dependence upon the received control information.

16. An arrangement as claimed in any preceding claim wherein the controller is as claimed in any one of claims 17 to 28.

17. A controller for storing control information for a system having a device and for configuring the device of the system by transferring control information to the system, comprising:

input means for receiving control information for configuring the device ;

memory circuitry arranged to store control information for configuring the device and to retrieve control information associated with the device; and

output means for transferring to the system, retrieved control information associated with the device.

18. A controller as claimed in claim 17, wherein memory circuitry is arranged to store control information for configuring a plurality of devices of the system.

5 19. A controller as claimed in claim 18, wherein the output means is arranged to transfer to the system retrieved control information for the devices of the system.

10 20. A controller as claimed in claim 18, wherein the output means transfers to the system retrieved control information for a selection of devices of the system defined by the user.

15 21. A controller as claimed in any of claims 17 to 20, wherein the memory circuitry stores and retrieves control information corresponding to the user's personal preferences.

20 22. A controller as claimed in any of claims 17 to 21, wherein the memory circuitry stores and retrieves information identifying a particular system and only outputs control information corresponding to the device or devices of that particular system.

25 23. A controller as claimed in claim 22, wherein the memory circuitry comprises a look-up table for associating the identity of the system and its devices with the respective device control information.

24. A controller as claimed in claim 23 wherein the look-up table is arranged to assign portions of memory to each identity

30 25. A controller as claimed in any of claims 17 to 24, wherein said output means comprises means for establishing a bi-directional link with the system and for performing a handshaking procedure with the system,

26. A controller as claimed in claim 25, wherein said bi-directional link transfers the identity of a system/device to the controller and transfers control information from the controller to the system.

5 27. A controller as claimed any of claims 17 to 26, wherein said output means comprises an electrical interface or IR interface or radio interface

28. A controller as claimed in any of claims 17 to 27, wherein the power to operate said controller is provided by the system to which control information is transferred.
10

29. An arrangement as claimed in claim 1, wherein configuring the device changes the manner in which the device function.

03669542-100501

add
a10